FEDERAL BUREAU OF INVESTIGATION FOI/PA DELETED PAGE INFORMATION SHEET Civil Action# 19-cv-1495

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FEDERAL BUREAU OF INVESTIGATION FOI/PA DELETED PAGE INFORMATION SHEET Civil Action# 19-cv-1495

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Full Text Articles 6 December 01

Hacker views MCI network data

Computer sleuth gained access to private corporate lines

By Bob Sullivan MSNBC

Dec. 5 — A 20-year-old computer security researcher managed to crack several MCI Worldcom networks last week and view dozens of the company's private networks. The perpetrator, Adrian Lamo, told MSNBC.com he obtained thousands of employee records and, while posing as various MCI Worldcom workers, found he could have compromised networks belonging to dozens of big-name clients, such as Bank of America, Citicorp, and Pfizer. Lamo subsequently contacted MCI Worldcom and the security flaw has been fixed.

AN MCI SPOKESPERSON admitted the company had a security vulnerability, but said no customer networks were compromised.

"We did discover on Friday that unauthorized access could be made to an administrative internal data network used by employees to access internal Web sites and information. There was no customer network impact," she said.

Lamo told MSNBC.com he began breaking into MCI Worldcom's network with a simple hack of an MCI Worldcom Web server — hardly a newsworthy event. But from there, the researcher was able to gain access to much more critical internal networks. As a result, he was able to obtain lists of thousands of employees and their social security numbers. Armed with those, and a date of birth obtained from Web site Anybirthday.com, Lamo was able to reset employee passwords.

From there, breaking into other critical networks was a breeze, since he could now impersonate company employees.

"I managed to reset someone's password at the director level," Lamo said. "I was able to use his online ID to create new employees, and could have requested the hiring of contractors ... I could have changed direct deposit information."

Equally alarming, Lamo could have accessed private circuit networks operated by MCI for Fortune 500 companies. These networks are used only to connect corporate offices and are generally considered to be very secure because they are not connected to the Internet.

"I could have cut off segments of the company from each other," Lamo said. "If I zeroed out the configuration settings for Cisco routers that would have required site visits to restore communications between offices."

Lamo said over 500 companies' private networks were vulnerable, including firms like Chase Mellon, Daimler Chrysler, FOX TV, H&R Block, and General Electric. He provided

documentation to MSNBC.com to support the claim.

Lamo first contacted MCI Worldcom Friday through an intermediary, Kevin Poulsen, a writer for computer security Web site SecurityFocus.com. Lamo said MCI Worldcom responded quickly to close the hole.

"They pulled people in off other projects and worked through the weekend with me," he said.

The root of the problem at MCI Worldcom is common in many businesses, Lamo said — most systems don't provide enough internal security. Once he was able to break into a common Web server, that machine had a "trust" relationship with other machines on the network, allowing Lamo to "escalate" his privileges and his attack.

"It's a problem to have a machine facing the outside world, but also trusted by an internal network," he said.

Similarly, internal employees often have more access to critical networks than necessary. Even if such employees would never do anything to compromise the company themselves, their access rights are another point of attack for hackers.

"A lot of time there is an inappropriate degree of trust given to users who appear to be internal," Lamo said.

NOT THE FIRST TIME

The researcher is no stranger to high-profile security warnings. Earlier this year, he found a way to alter news stories on Yahoo.com's Web site. Last year, he found a way to break into AOL Instant Messenger accounts. In each case, he warned the company and, in an unusual bit of hacker forthrightness, used his real name. Hackers generally use pseudonyms out of fear of retribution or prosecution.

Computer Security Advisory Site Suffers Attack

By Brian McWilliams, Newsbytes 5 Dec 2001

The Web site of the Computer Emergency Response Team (CERT) is undergoing a distributed denial of service attack, officials at the federally funded computer security clearinghouse confirmed today. As a result of the attack, the CERT.org site was intermittently unreachable today for many Internet users.

CERT, located at Carnegie Mellon University, provides advisories and other information about security vulnerabilities as well as serving as a coordination center for reports of security incidents.

A CERT representative declined to provide details about the nature of the attack. A new Internet worm known as Goner, which contains a denial of service component, was not responsible for the attack on CERT.org, the official added.

Lamo's right

- 1 -FEDERAL BUREAU OF INVESTIGATION

Date of

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	Investigation on	at	Day Harried	
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	by This document con	tains neither recommendations nor conclusions	of the FBI. It is the property of the FBI and is loaned to	
your agency:		<u>.</u>		
	it and its contents a	re not to be distributed outside your agency.		
		On 6/28/2007, Speci	al Agents (SA)	b6 -1
			A sample from Adrian A. Lamo, date of	b7C -1
			urity Account Number 042-74-6804, at	
			Sacramento, California. Lamo arrived	
			Sacramento, Carriornia. Lamo arrived	
	at 3:22	p.m.		
			7-1:5	
		Lamo provided his C	California driver's license (D1225973)	

SA collected a saliva/buccal sample from Lamo with the green Toothette sponge applicator as described by the Missouri State Highway Patrol protocol. The saliva/buccal sample was transferred to the Missouri State Highway Patrol convicted offender DNA sample collection card. This process was repeated with a new applicator.

index finger was also printed and placed on the national DNA

as a form of identification. Lamo's left index finger fingerprint was collected and placed on both the Missouri State Highway Patrol convicted offender DNA sample collection card and on the request

SA collected saliva/buccal sample from Lamo with two sterile cotton swabs. This process was repeated twice. The swabs were allowed to air dry in a swab drying rack prior to packaging.

Lamo departed the office at 3:29 p.m.

for national DNA database entry card by SA

database entry card.

6/28/2007 Sacramento, California
6/29/2007
SA
SA

b3 -2 b6 -1 b7C -1

b7E -3

b6 -1

b7C -1